

1. Why is there a global energy crisis on planet earth?
 - a. Oil is the lubricant of the global economy. We do not have much of it anymore. Once the oil is running out, the international economics collapses because no one can drive more car, and no company can produce more products.
2. What are fossil fuels and how are they formed?
 - a. Oil, natural gas and coal. Liquid, gaseous and solid
3. Which countries of the world have fossil fuels as their natural resources?
 - a. That's a stupid question. Each country on this planet has fossil fuels as their natural resources. The problem is that in some there is so less of it, that it is not profitable anymore. Did you know that there is natural gas and oil under Switzerland? Of course not, because there is not enough for drilling for it.
4. What are the major alternatives to fossil fuels?
 - a. Wind energy with wind turbines
Hydropower with dams
Solar energy with solar cells.
nuclear energy with nuclear power plants
5. Draw a table and compare the advantages and disadvantages of each the alternatives to fossil fuels.
 - a. Advantages: natural energy, no pollution,
 - b. Disadvantages: Expensive, you need many windmills/dams, so that they produce as much energy as a nuclear power plant